

WHAT IS CLAIMED IS:

1. A printing method in which a print request is transferred from a first information processing apparatus to a second information processing apparatus, and document data for printing is generated in accordance with the print request by a generating program provided in an image generating apparatus, and then the generated document data is transferred from the second information processing apparatus to the first information processing apparatus so that the document data is printed out, the method comprising:
 - a registering step of registering a type of input data or a type of output data processable by the generating program provided in the image generating apparatus in the second information processing apparatus;
 - a specifying step of specifying a type of input data necessary to generate the document data and a type which the document data is generated in, in accordance with the print request;
 - a selecting step of selecting a generating program for generating the document data by comparing the specified type to the registered type; and
 - 25 a transferring step of transferring a generating request for generating the document data to the image generating apparatus having the selected

generating program.

2. The printing method according to claim 1,
wherein the registering step includes registering an
5 address of the image generating apparatus having the
generating program in the second information
processing apparatus, and the transferring step
includes specifying an address of the image
generating apparatus having the selected generating
10 program and transferring the generating request to
the specified address.

3. The printing method according to claim 1,
wherein the selecting step includes extracting a
15 plurality of generating programs corresponding to the
specified type and selecting the generating program
of lower number of processings among the extracted
generating programs.

20 4. The printing method according to claim 1,
further comprising:
a generating step of, by the generating program,
generating the document data in accordance with the
generating request; and
25 a data transferring step of transferring the
generated document data from the image generating
apparatus to the first information processing

apparatus via the second information processing apparatus.

5. The printing method according to claim 1,
5 wherein the generating program generates the document data representing a chit by synthesizing template data and data described in the chit, and the specifying step includes specifying a type of the template data or the data described in the chit.

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6. The printing method according to claim 1, wherein, in response to a pressing operation of a print button in a screen displayed on a web browser, the print request is transferred from the web browser 15 to the second information processing apparatus, and the generated document data is transferred from the second information processing apparatus to the web browser.

20 7. A printing system in which a print request is transferred from a first information processing apparatus to a second information processing apparatus, and document data for printing is generated in accordance with the print request by a 25 generating program provided in an image generating apparatus, and then the generated document data is transferred from the second information processing

apparatus to the first information processing apparatus so that the document data is printed out, the system comprising:

registration means for registering a type of
5 input data or a type of output data processable by
the generating program provided in the image
generating apparatus in the second information
processing apparatus;

specifying means for specifying a type of input
10 data necessary to generate the document data and a
type which the document data is generated in, in
accordance with the print request;

selection means for selecting a generating
program for generating the document data by comparing
15 the specified type to the registered type; and

transfer means for transferring a generating
request for generating the document data to the image
generating apparatus having the selected generating
program.

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8. The printing system according to claim 7,
wherein the registration means registers an address
of the image generating apparatus having the
generating program in the second information
processing apparatus, and the transfer means
25 specifies an address of the image generating
apparatus having the selected generating program and

transfers the generating request to the specified address.

9. The printing system according to claim 7,
5 wherein the selection means extracts a plurality of generating programs corresponding to the specified type and selects the generating program of lower number of processings among the extracted generating programs.

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10. The printing system according to claim 7, further comprising:

generation means for, by the generating program, generating the document data in accordance with the 15 generating request; and

data transfer means for transferring the generated document data from the image generating apparatus to the first information processing apparatus via the second information processing 20 apparatus.

11. The printing system according to claim 7, wherein the generating program generates the document data representing a chit by synthesizing template 25 data and data described in the chit, and the specifying means specifies a type of the template data or the data described in the chit.

12. The printing system according to claim 7,
wherein, in response to a pressing operation of a
print button in a screen displayed on a web browser,
the print request is transferred from the web browser
5 to the second information processing apparatus, and
the generated document data is transferred from the
second information processing apparatus to the web
browser.

10 13. An information processing apparatus prompting a
generating program provided in an image generating
apparatus to generate document data for printing in
accordance with a print request from an external
information processing apparatus and thereafter
15 transferring the generated document data to the
external information processing apparatus,
comprising:
registration means for registering a type of
input data or a type of output data processable by
20 the generating program provided in the image
generating apparatus;
specifying means for specifying a type of input
data necessary to generate the document data and a
type which the document data is generated in, in
25 accordance with the print request;
selection means for selecting a generating
program for generating the document data by comparing

the specified type to the registered type; and
transfer means for transferring a generating
request for generating the document data to the image
generating apparatus having the selected generating
5 program.

14. A control program to be stored in a storage
medium for controlling an information processing
apparatus prompting a generating program provided in
10 an image generating apparatus to generate document
data for printing in accordance with a print request
from an external information processing apparatus and
thereafter transferring the generated document data
to the external information processing apparatus,
15 wherein the program makes a computer execute the
steps of:

registering a type of input data or a type of
output data processable by the generating program
provided in the image generating apparatus;
20 specifying a type of input data necessary to
generate the document data and a type which the
document data is generated in, in accordance with the
print request;

selecting a generating program for generating
25 the document data by comparing the specified type to
the registered type; and

transferring a generating request for

generating the document data to the image generating apparatus having the selected generating program.